



14230 U.S. PTO

Attorney Docket No. 2271/71352  
Total Pages 3  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

031088 U.S. PTO

10/695839



102903

Transmitted herewith for filing under 37 CFR 1.53(b) are the specification and claims of the nonprovisional patent application of:

Makoto Matsushima

Inventor(s)

PULSE WIDTH MODULATION SIGNAL GENERATING CIRCUIT

Title of Invention

APPLICATION ELEMENTS ENCLOSED:

1. X Specification, total pages 34 including:
  - a. 6 pages of claims (11 claims)
  - b. 1 page(s) Abstract
2. X 8 sheets of      informal X formal drawings (Figs. 1A-C, AND 2-10)
3. X Oath or declaration of Applicant(s) (5 total pages)
  - a. X Newly executed (original)
  - b.      Unexecuted
  - c.      Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Item 14 completed)
4.      Deletion of Inventor(s)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
5.      Incorporation By Reference  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied in item 3b is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.      Microfiche Computer Program (Appendix)

APPLICATION PARTS ENCLOSED:

7. X An assignment (cover sheet & document(s))
8.      37 CFR 3.73(b) Statement (*when there is an assignee*)
9. X Power of Attorney
  - a. X Newly executed (original)
  - b.      Unexecuted
  - c.      Copy from a prior application

10. X Information Disclosure Statement (IDS) and PTO-1449

\_\_\_\_ Copies of IDS Citations

11. \_\_\_\_ A Preliminary Amendment

12. X Return Receipt Postcard (MPEP 503)

13. \_\_\_\_ Applicant(s) hereby establish small entity status under 37 C.F.R. §1.9 and §1.27

14. \_\_\_\_ If a Continuing Application, check the appropriate box and supply the requisite information:

- ☐ Continuation of prior application No.: \_\_\_\_\_ filed \_\_\_\_\_
- ☐ Divisional of prior application No.: \_\_\_\_\_ filed \_\_\_\_\_
- ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_ filed \_\_\_\_\_

15. \_\_\_\_ Amend the specification by inserting before the first line of page one: --This is a \_\_\_\_ continuation

\_\_\_\_ divisional of application Serial No. \_\_\_\_\_ filed \_\_\_\_--

16. X Priority of application No. 2002-338129 filed in Japan on November 21, 2002. Applicant hereby claim priority under 35 U.S.C. §119.

X A certified copy of priority application Nos. 2002-338129 is enclosed herewith.

\_\_\_\_ A certified copy of priority application No. \_\_\_\_\_ has been filed in prior application

S.N. \_\_\_\_\_ filed \_\_\_\_\_

17. X Other (identify) Express Mail Letter of Transmittal bearing Label No. EV 325707606 dated October 29, 2003

The filing fee is calculated as follows:

**CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT**

					Rate			Fee	
	Number Filed		Number Extra*		Small Entity	Other Entity		Small Entity	Other Entity
Total Claims	11 - 20	=	0	X	\$ 9	\$ 18	=	\$ 0	\$ 0.00
Indep. Claims	3 - 3	=	0	X	\$ 42	\$ 84	=	\$ 0	\$ 0.00
Multiple Dependent Claims Presented: Yes ____ No ____					\$140	\$280	=	\$ 0	\$ 0.00
If the difference in column 1 is less than zero, enter "0" in column 2					Basic Fee			\$385.00	\$770.00
					Total Fee			\$	\$770.00


18. X A check in the amount of \$ 770.00 to cover the filing fee.
19. X A check in the amount of \$ 40.00 for recordation of the Assignment.
20. X The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the following or credit any overpayment to Deposit Account No. 03-3125.
- X Filing fees under 37 C.F.R. §1.16.
- X Patent application processing fees under 37 C.F.R. §1.17.
- \_\_\_\_\_ The issue fee set in 37 C.F.R. §1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. §1.311(b).
21. X Three copies of this sheet are enclosed.
22. \_\_\_\_\_ Other (identify) \_\_\_\_\_

CORRESPONDENCE ADDRESS:

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Respectfully submitted,

October 29, 2003  
Date

  
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of : Makoto Matsushima  
Serial No. : Not Yet Known  
Date Filed : Herewith  
Priority Date : November 21, 2002  
For : PULSE WIDTH MODULATION SIGNAL GENERATING  
CIRCUIT

**Mail Stop Patent Application**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


Sir:

**EXPRESS MAIL LETTER OF TRANSMITTAL**

Express Mail mailing label number: EV 325707606 US

Date of Deposit: October 29, 2003

I hereby certify that the above-identified application of Makoto Matsushima for PULSE WIDTH MODULATION SIGNAL GENERATING CIRCUIT, including application transmittal in triplicate, Specification (34 pages), Claims (1-11, 6 pages), Abstract (1 page), 8 drawing sheets (Figs. 1A-C, 2-10), Declaration and Power of Attorney (executed), Form PTO-1595 and Assignment (executed), Information Disclosure Statement (including Form PTO-1449), a Certified copy of JP 2002-338129, a check in the Amount of \$770.00 for Filing Fee and \$40.00 for Recording fee, and Return Postcard, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

  
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